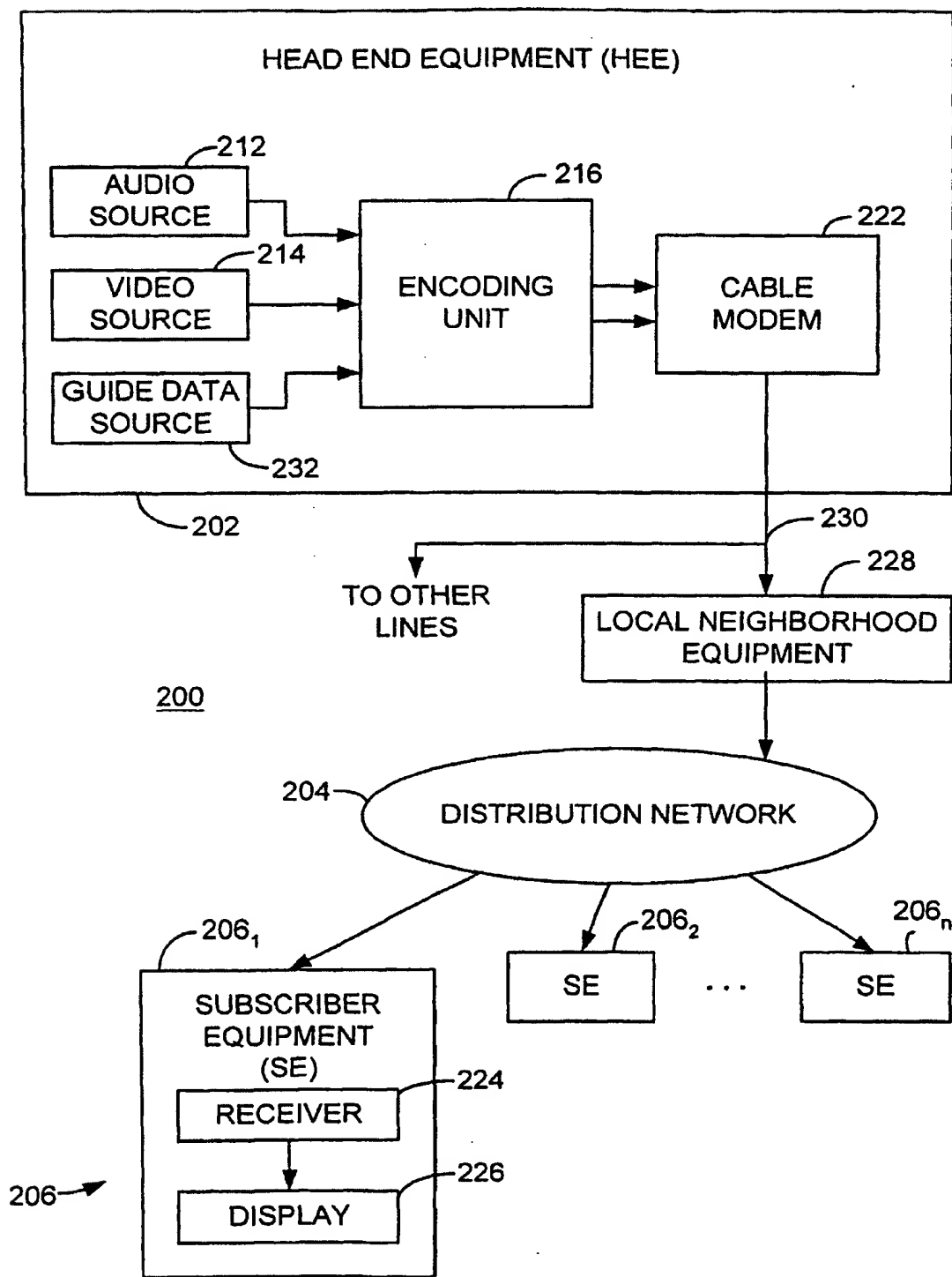




2/32



**FIG. 2.**



100 →

SLICE 1 (g/s1)	SLICE 1 (v/s1)
SLICE 2 (g/s2)	SLICE 2 (v/s2)
• • •	• • •
SLICE N (g/sN)	SLICE N (v/sN)

102 ↗

101 ↗

FIG. 3.



4/32

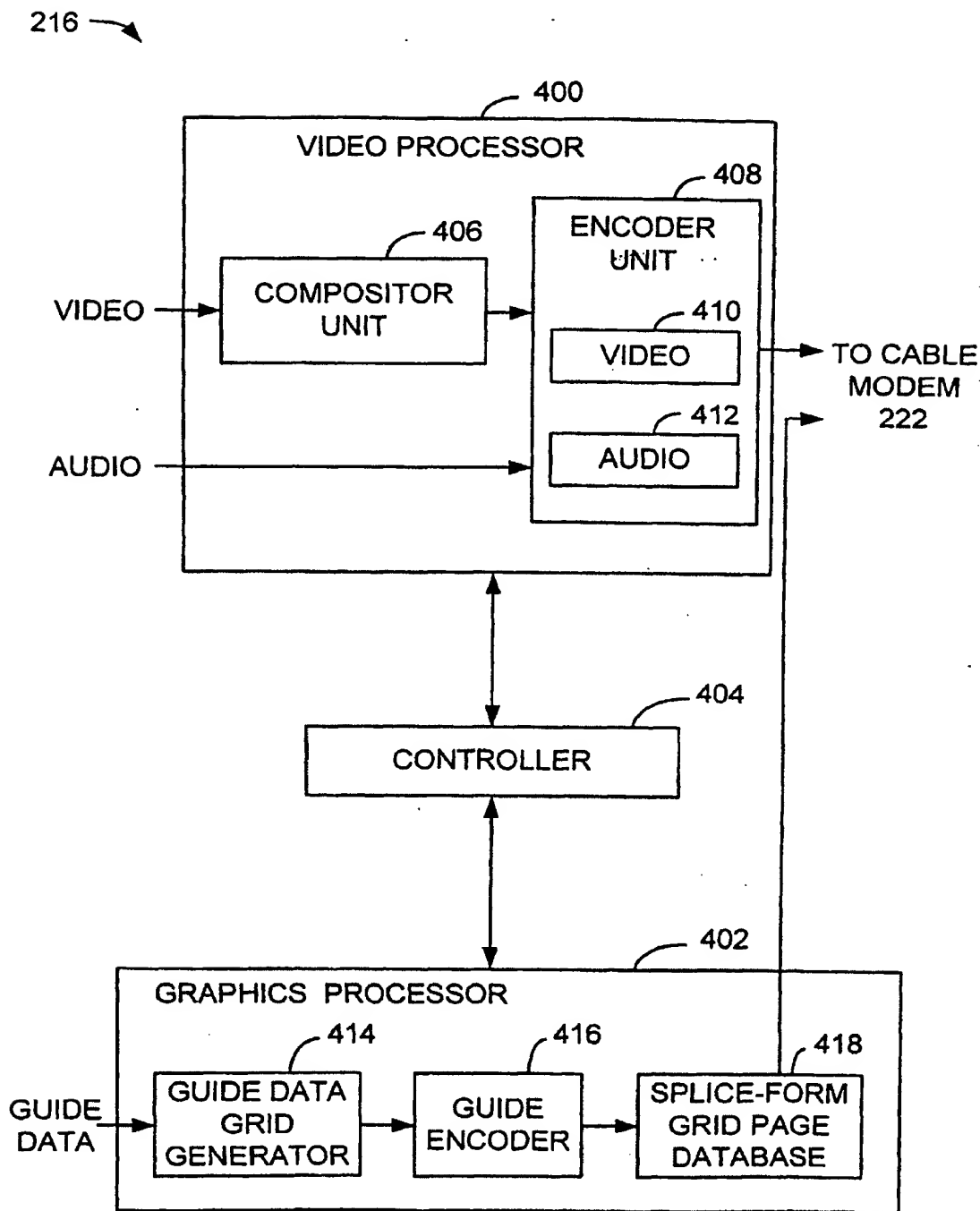
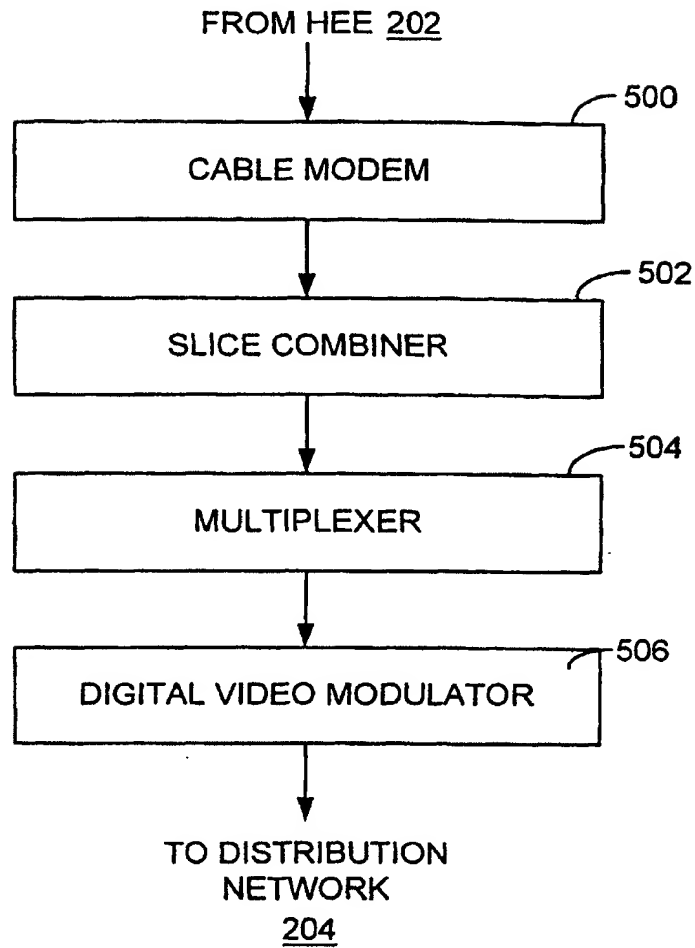


FIG. 4.



5/32

228 →



**FIG. 5.**



6/32

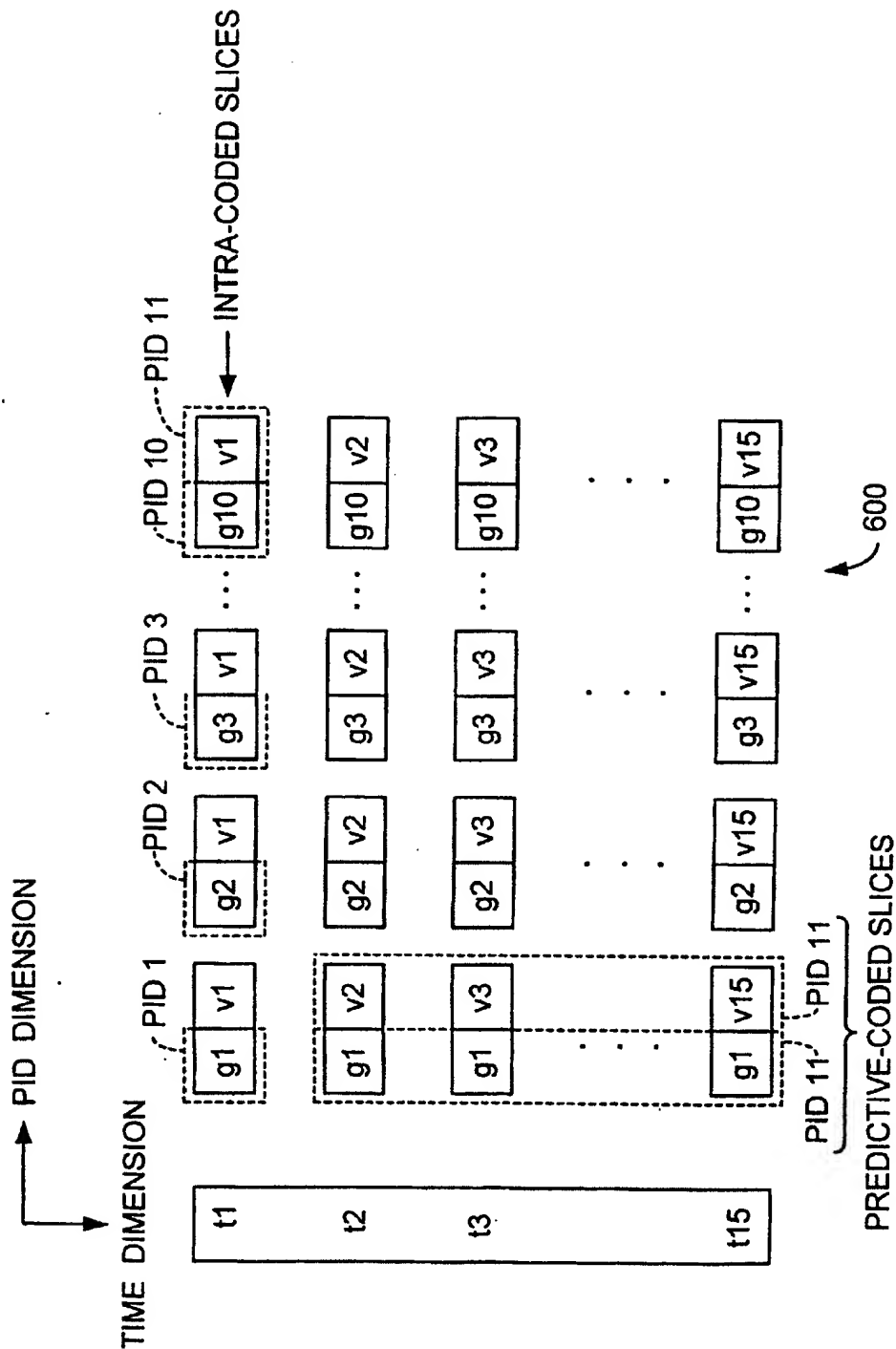
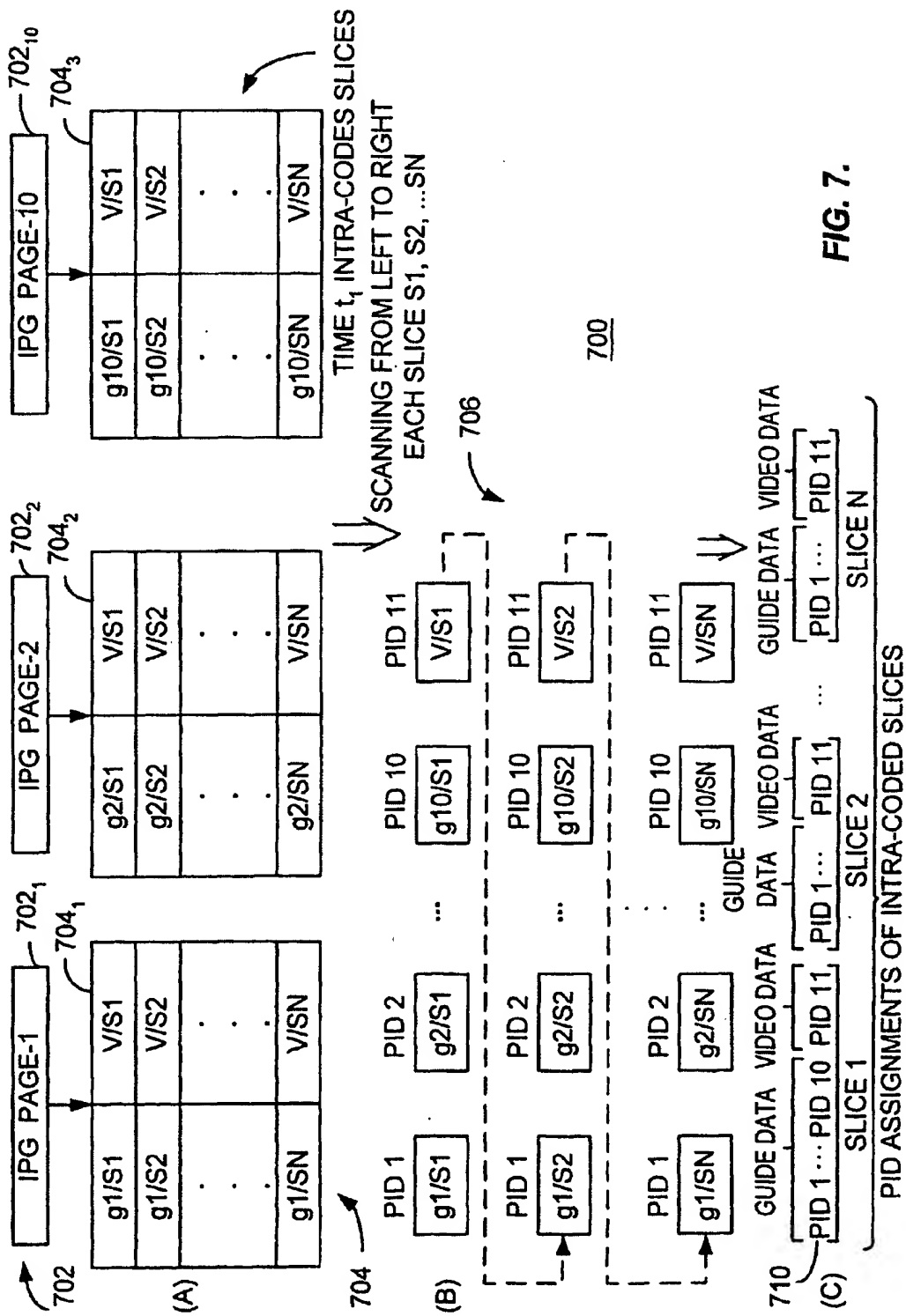


FIG. 6.

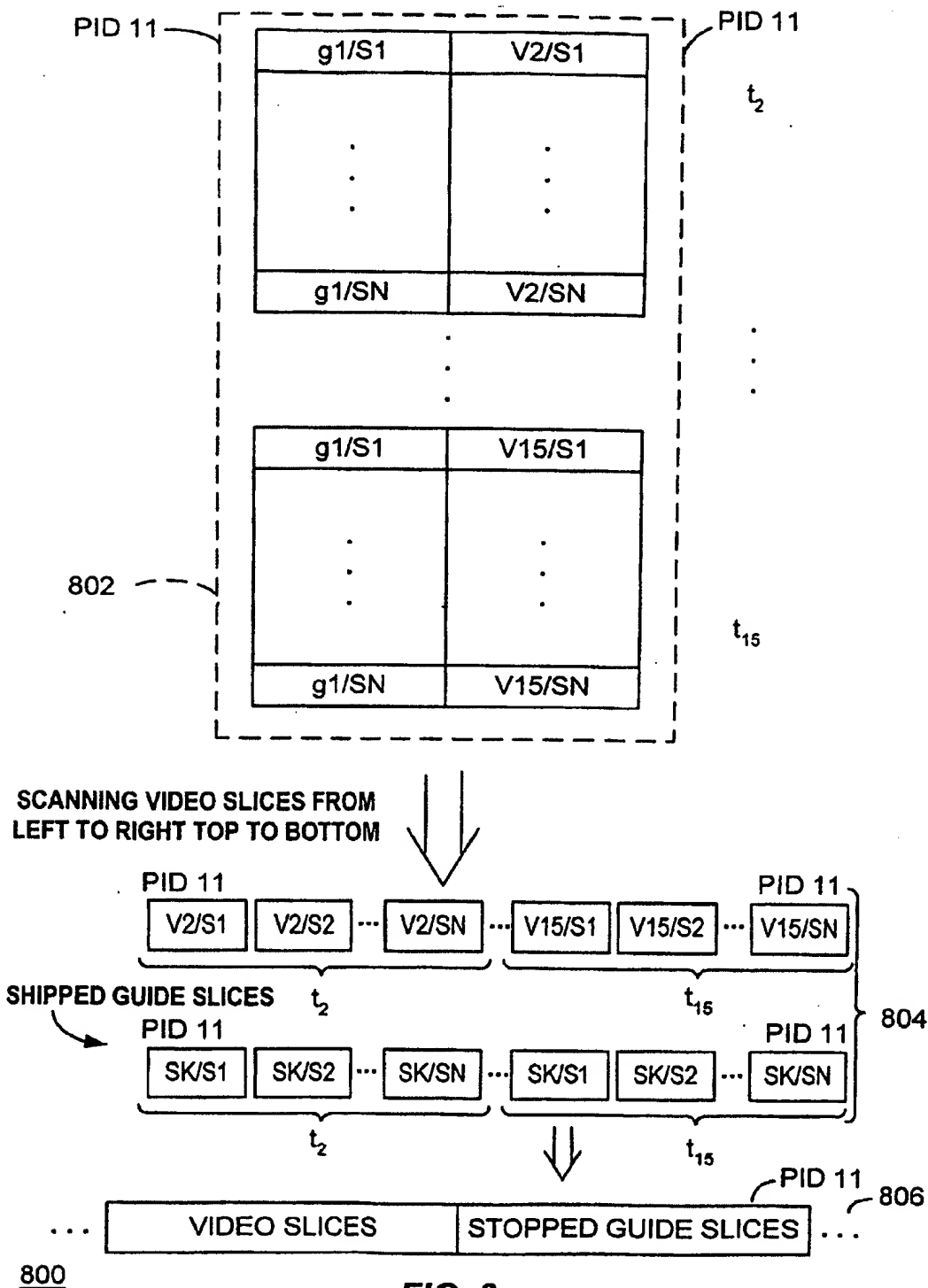


7/32





8/32





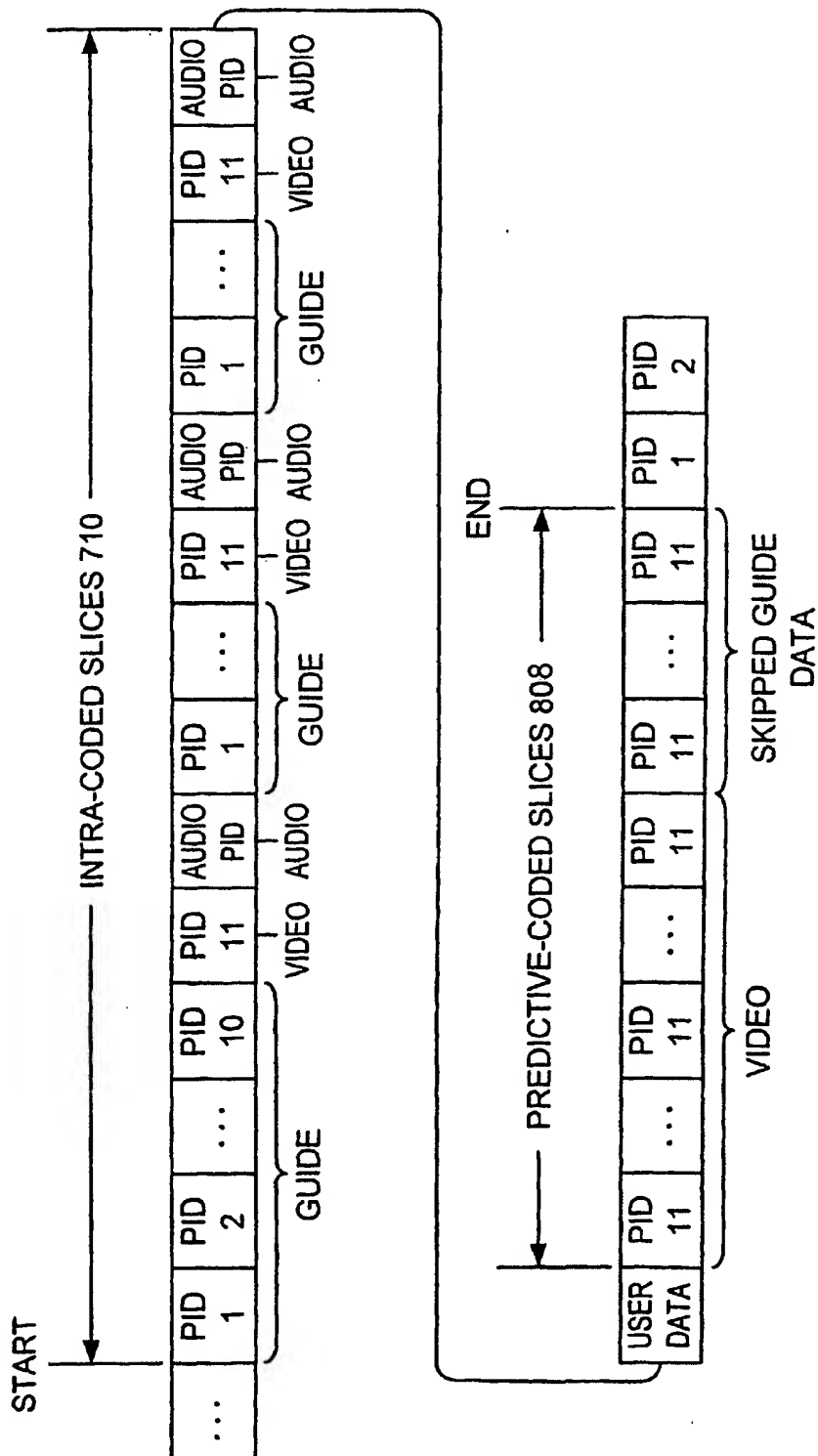


FIG. 9.

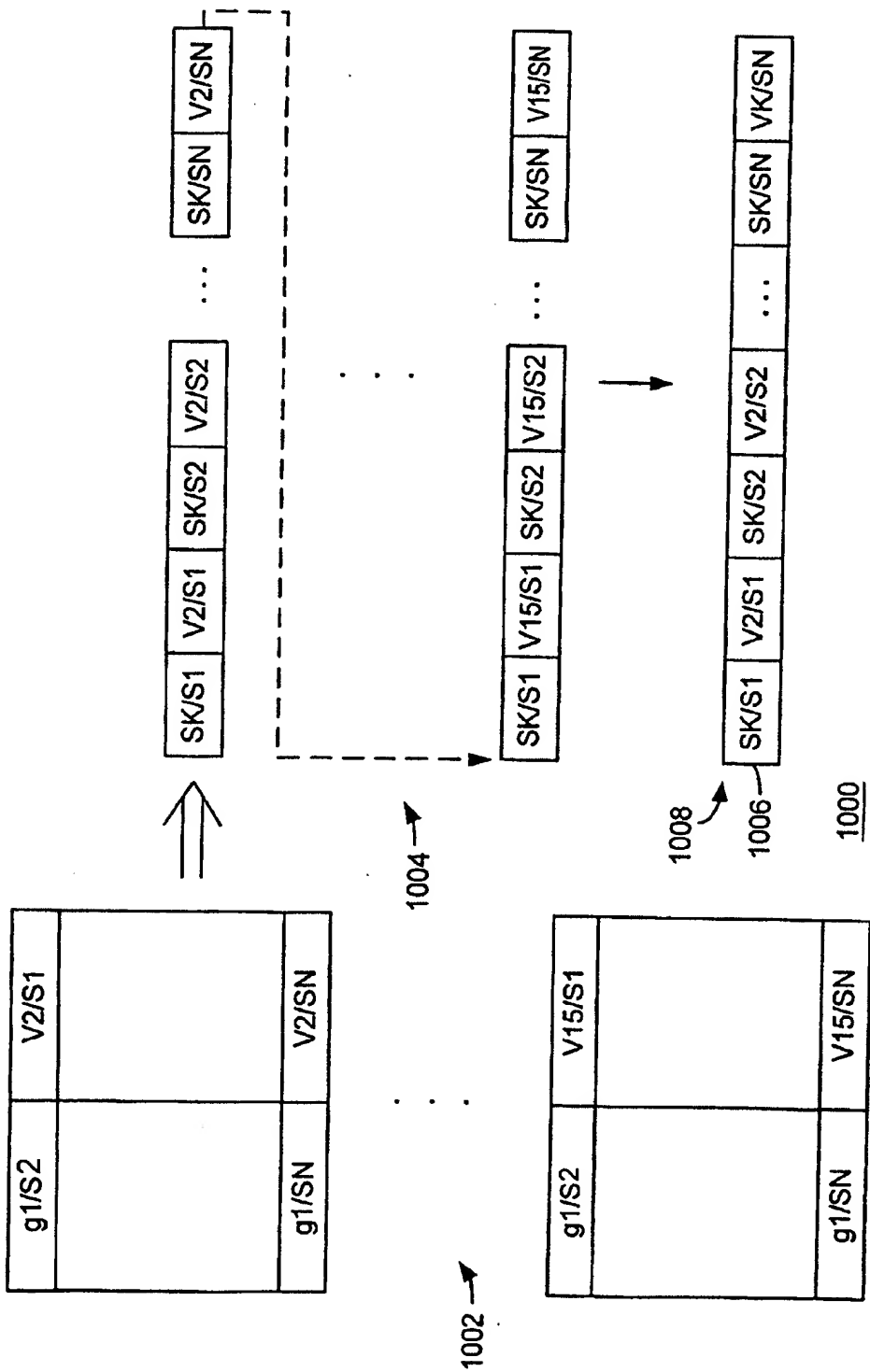


FIG. 10.



1100 →

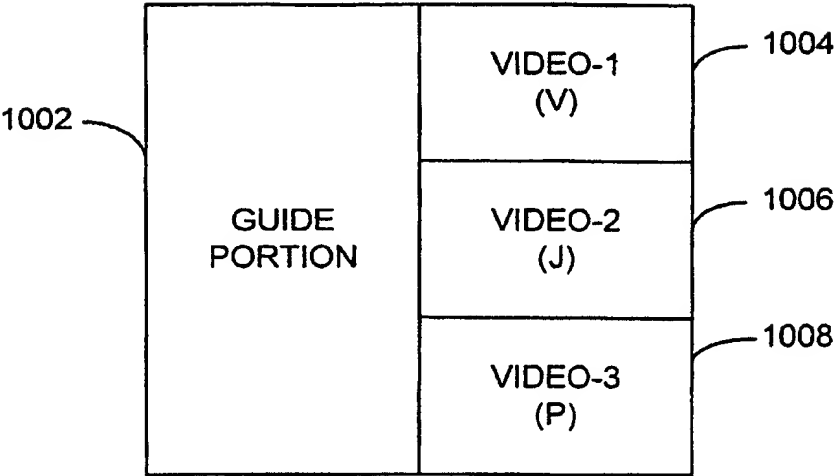


FIG. 11A.

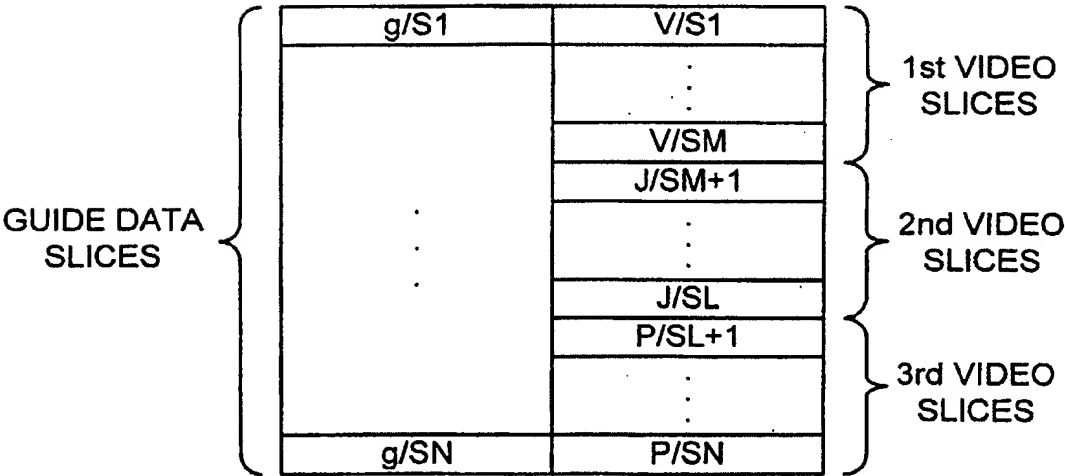


FIG. 11B.



12/32

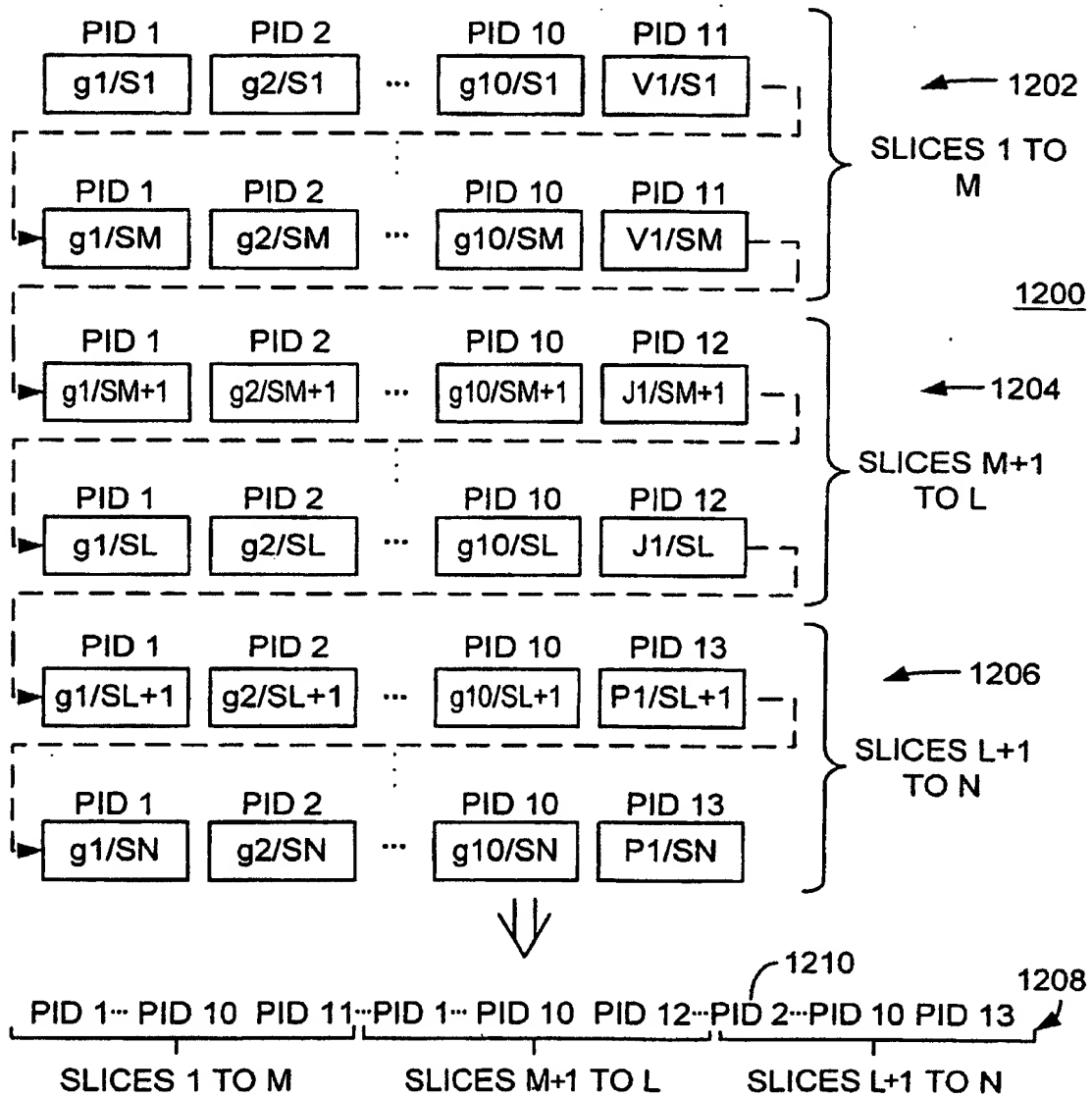
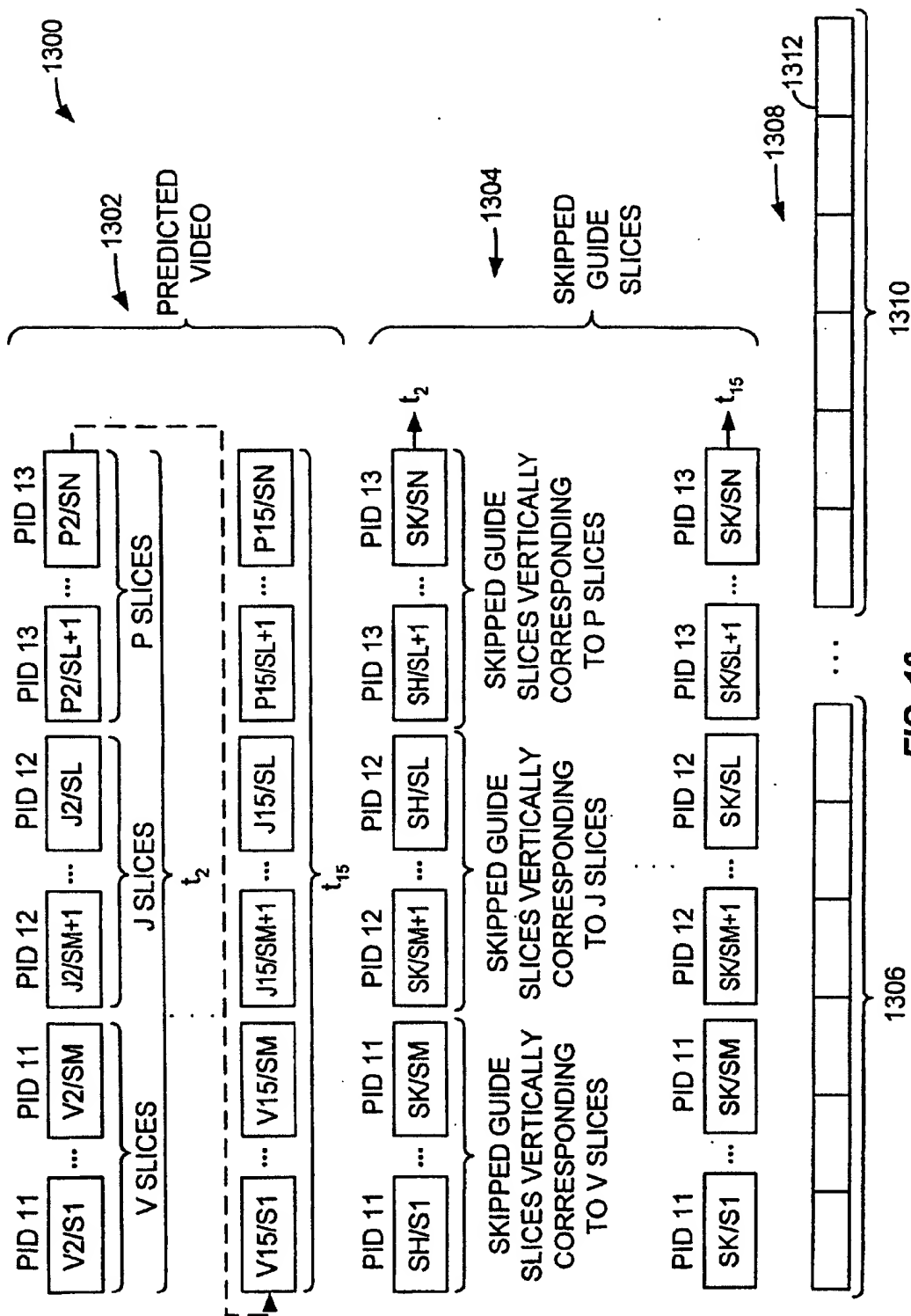


FIG. 12.



**FIG. 13.**



14/32

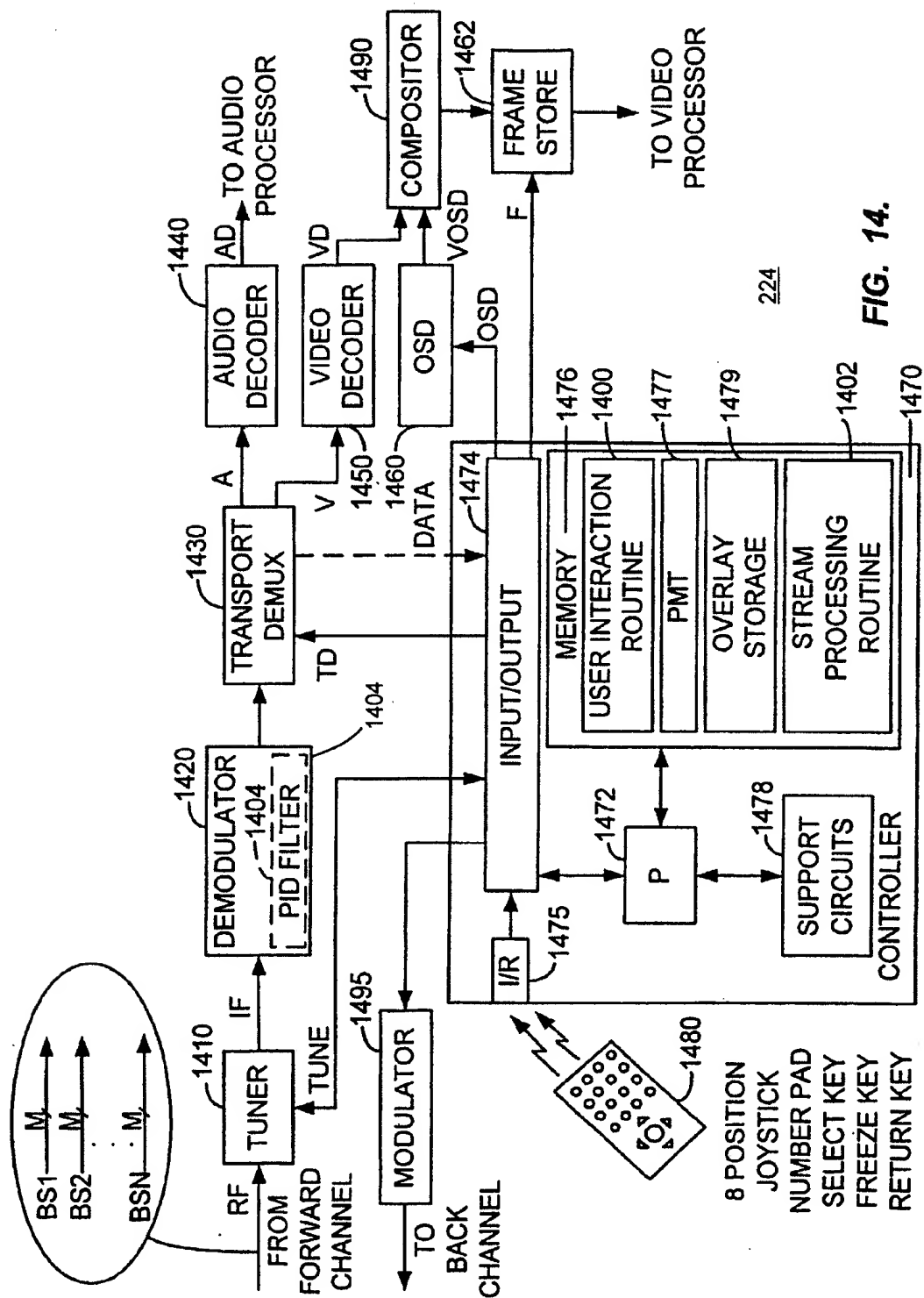


FIG. 14.



15/32

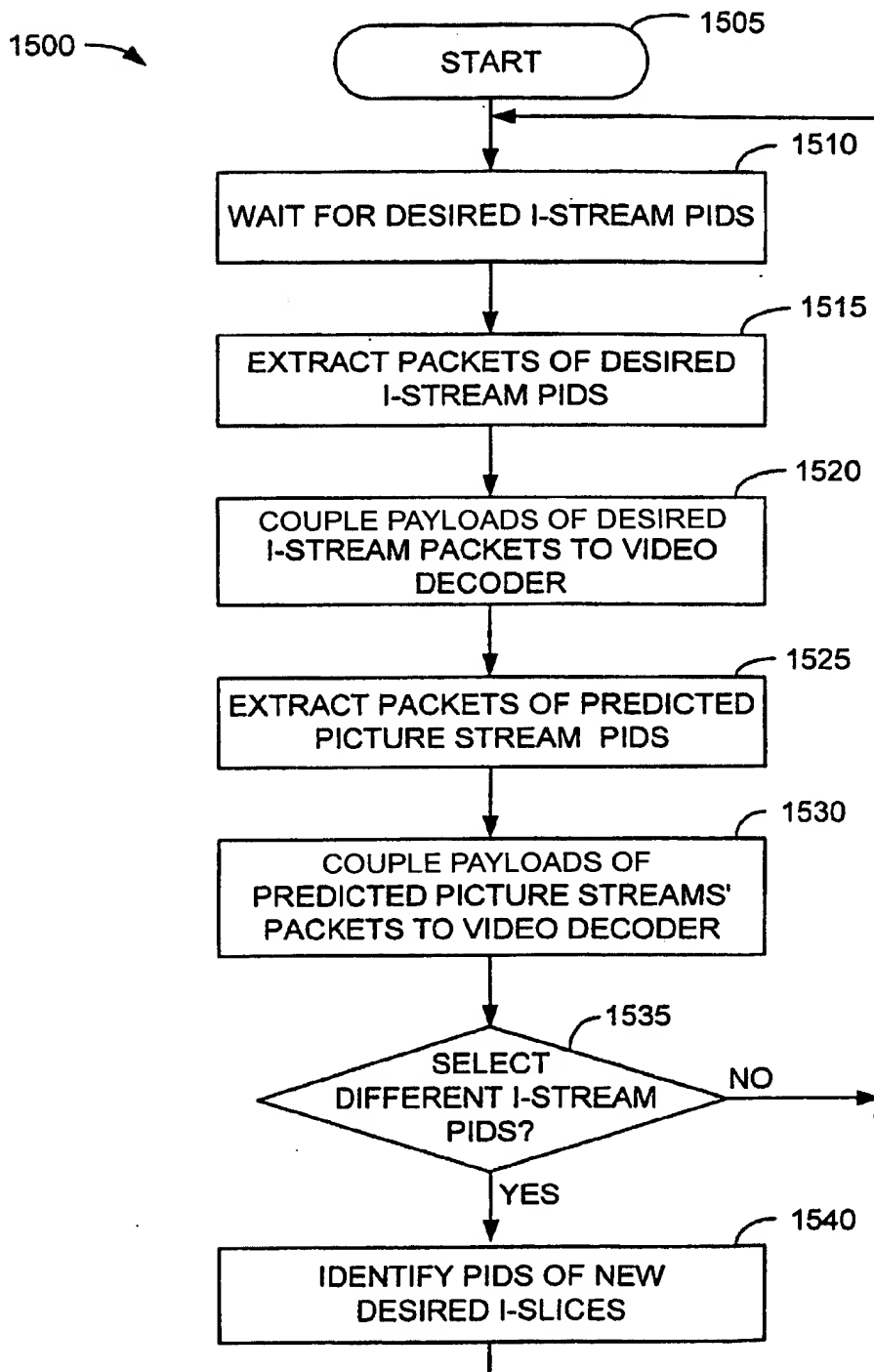


FIG. 15.



16/32

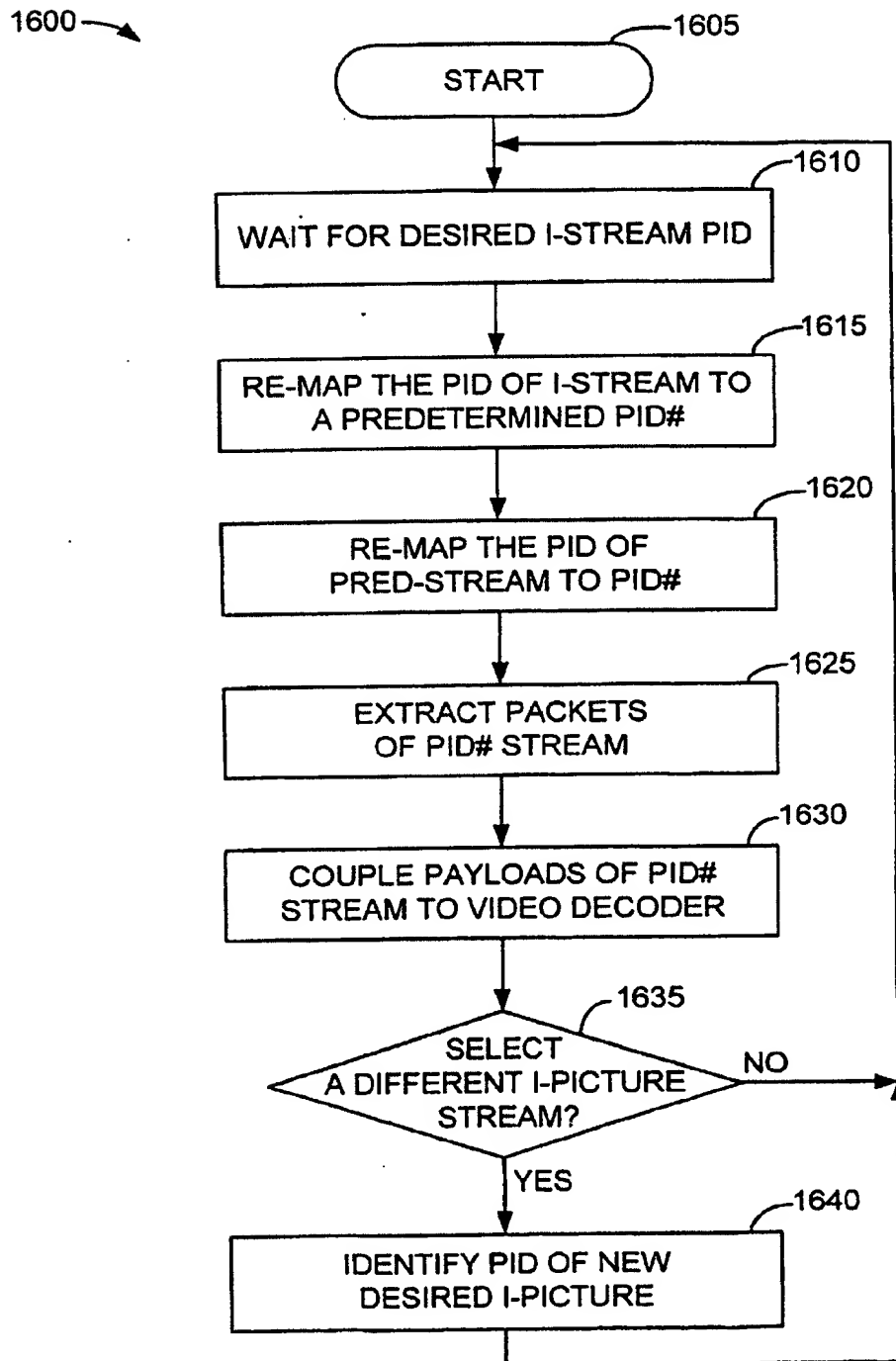


FIG. 16.





17/32

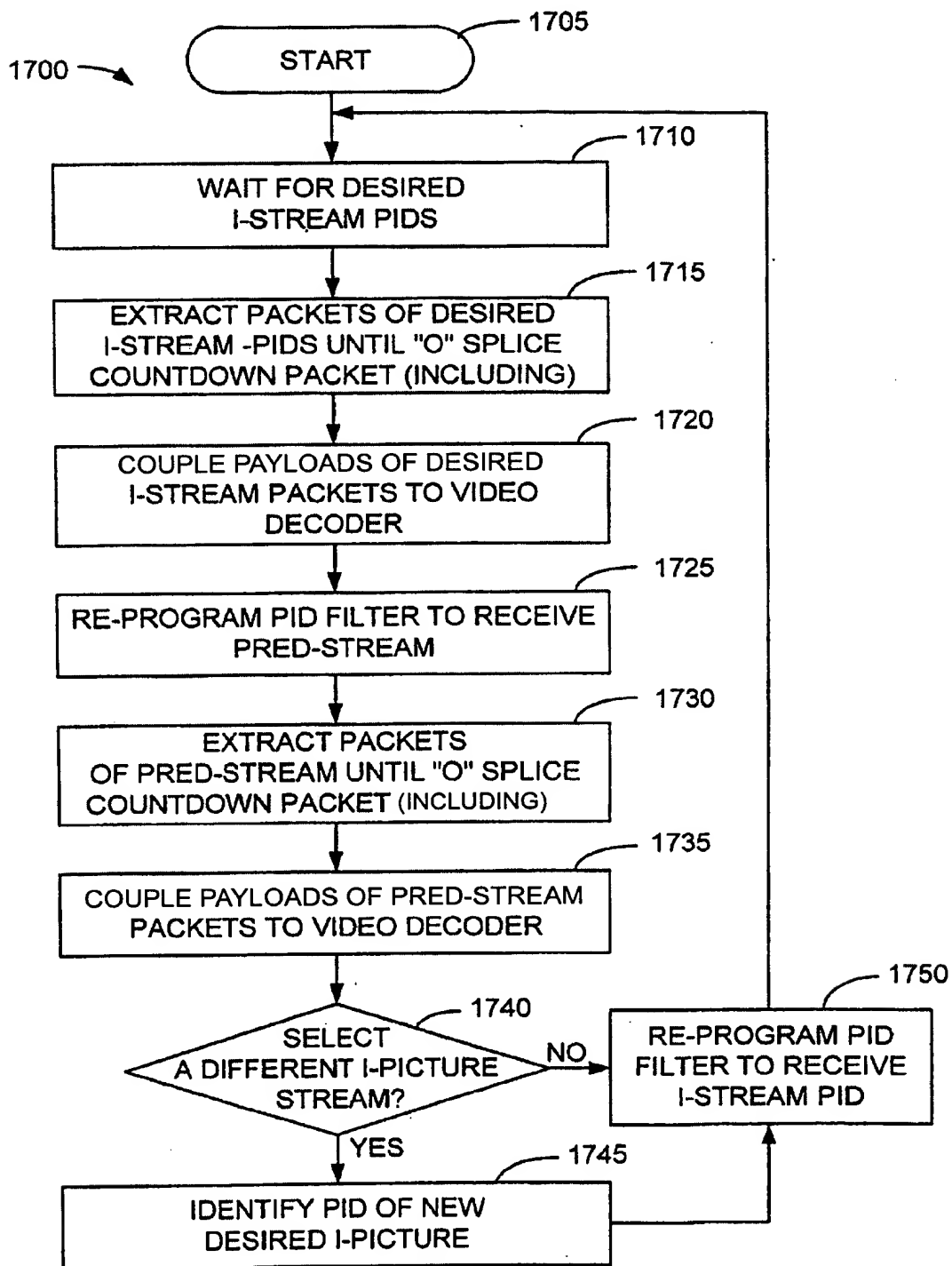


FIG. 17.



18/32

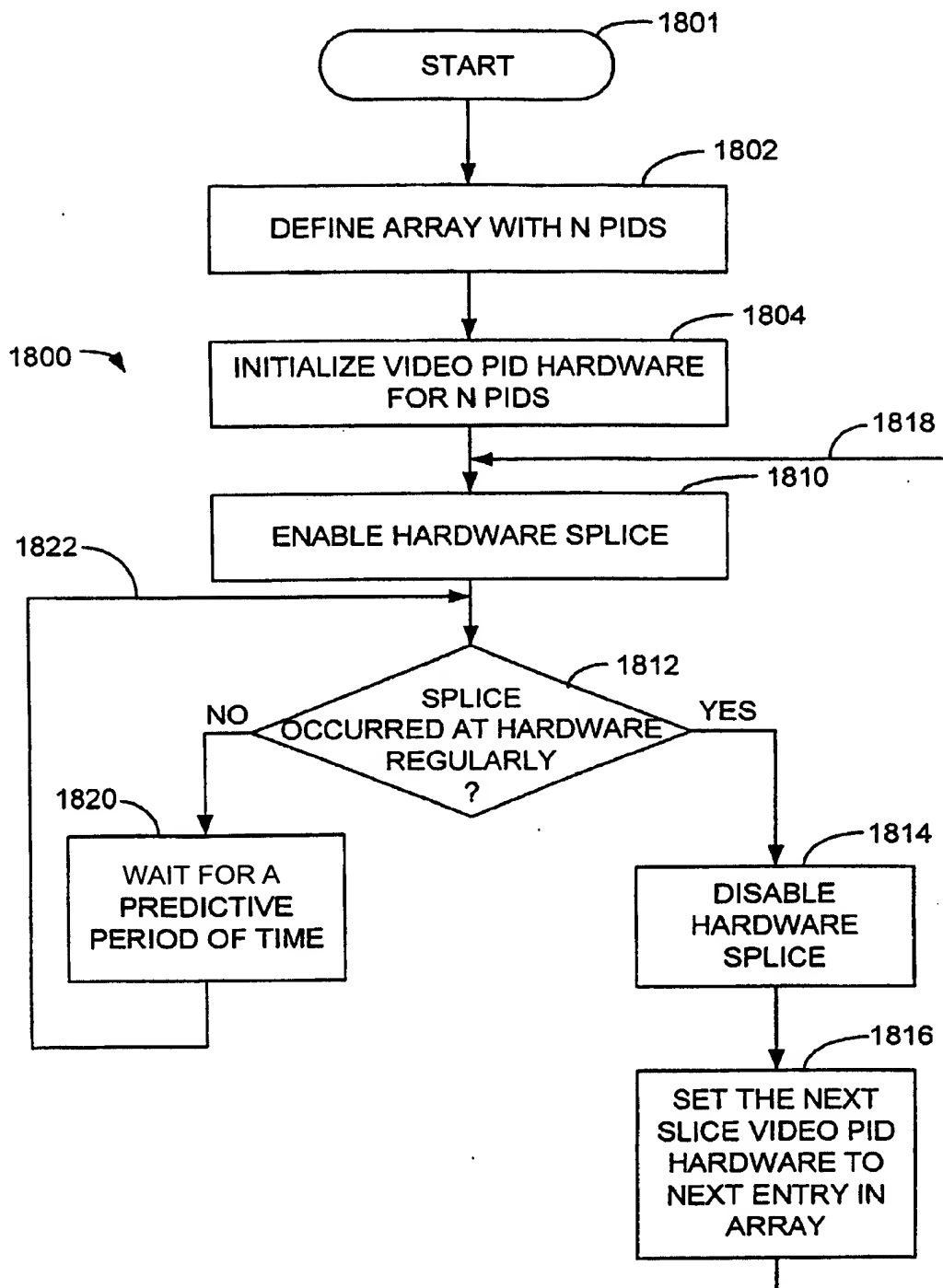


FIG. 18.

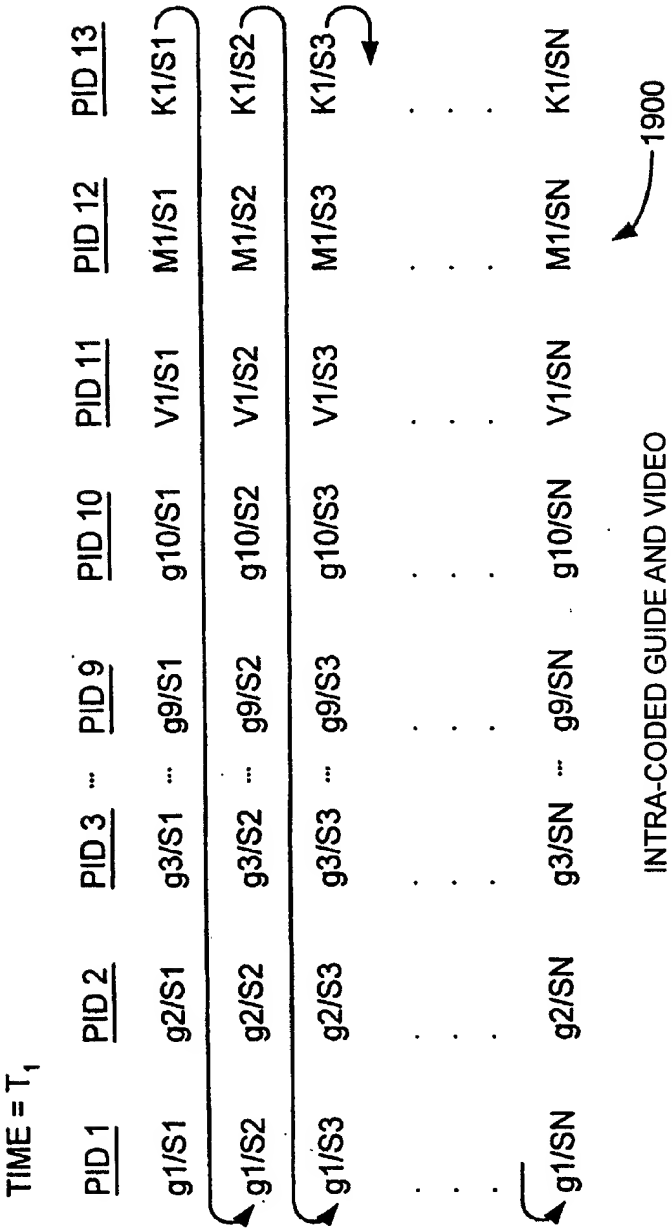


FIG. 19.



20/32

TIME	PID 11	PID 12	PID 13	PID 11	PID 12	PID 13	...	PID 11	PID 12	PID 13
$t_2$	V2/S1	M2/S1	K2/S1	V2/S2	M2/S2	K2/S2	...	V2/SN	M2/SN	K2/SN
$t_3$	V3/S1	M3/S1	K3/S1	V3/S2	M3/S2	K3/S2	...	V3/SN	M3/SN	K3/SN
$t_4$	V4/S1	M4/S1	K4/S1	V4/S2	M4/S2	K4/S2	...	V4/SN	M4/SN	K4/SN
.	.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.	.
$t_{15}$	V15/S1	M15/S1	K15/S1	V15/S2	M15/S2	K15/S2	...	V15/SN	M15/SN	K15/SN

PREDICTED VIDEO

FIG. 20.



21/32

<u>TIME</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>
$t_2$	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2 ...	SK/SN	SK/SN	SK/SN
$t_3$	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2 ...	SK/SN	SK/SN	SK/SN
$t_4$	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2 ...	SK/SN	SK/SN	SK/SN
.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.
$t_{15}$	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2 ...	SK/SN	SK/SN	SK/SN

SKIPPED GUIDE



2100

FIG. 21.

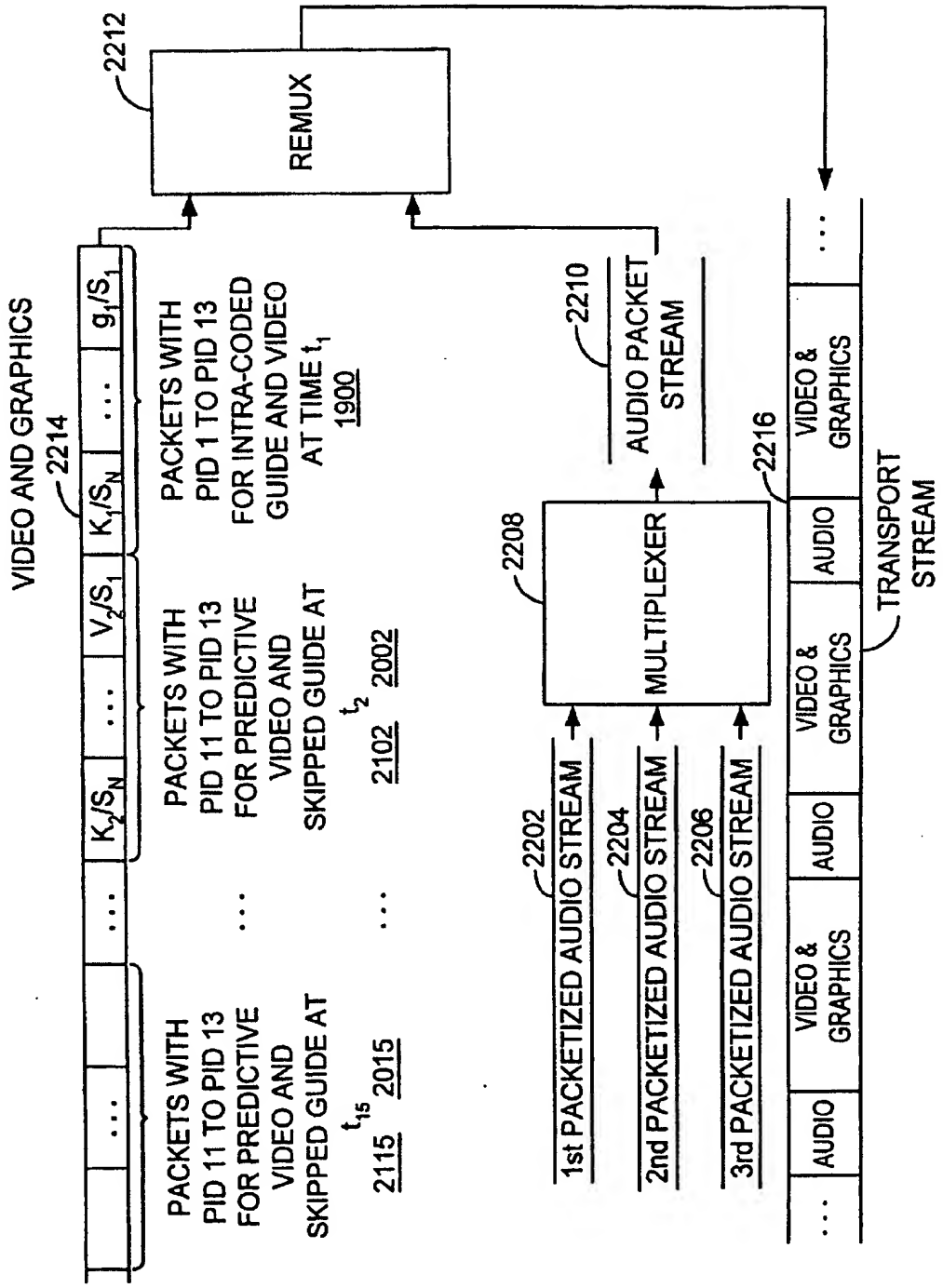


FIG. 22.



$O_1/S_1$	$O_2/S_1$	$O_3/S_1$
$\cdot$	$\cdot$	$\cdot$
$\cdot$	$\cdot$	$\cdot$
$O_1/S_N$	$O_2/S_N$	$O_3/S_N$
$O_4/S_{N+1}$	$O_5/S_{N+1}$	$O_6/S_{N+1}$
$\cdot$	$\cdot$	$\cdot$
$\cdot$	$\cdot$	$\cdot$
$O_4/S_{2N}$	$O_5/S_{2N}$	$O_6/S_{2N}$
$O_7/S_{2N+1}$	$O_8/S_{2N+1}$	$O_9/S_{2N+1}$
$\cdot$	$\cdot$	$\cdot$
$\cdot$	$\cdot$	$\cdot$
$O_7/S_{3N}$	$O_8/S_{3N}$	$O_9/S_{3N}$

SLICE-BASED PARTITIONING

(B)

$O_1$	$O_2$	$O_3$
$O_4$	$O_5$	$O_6$
$O_7$	$O_8$	$O_9$

OBJECTS

(A)

FIG. 23.



24/32

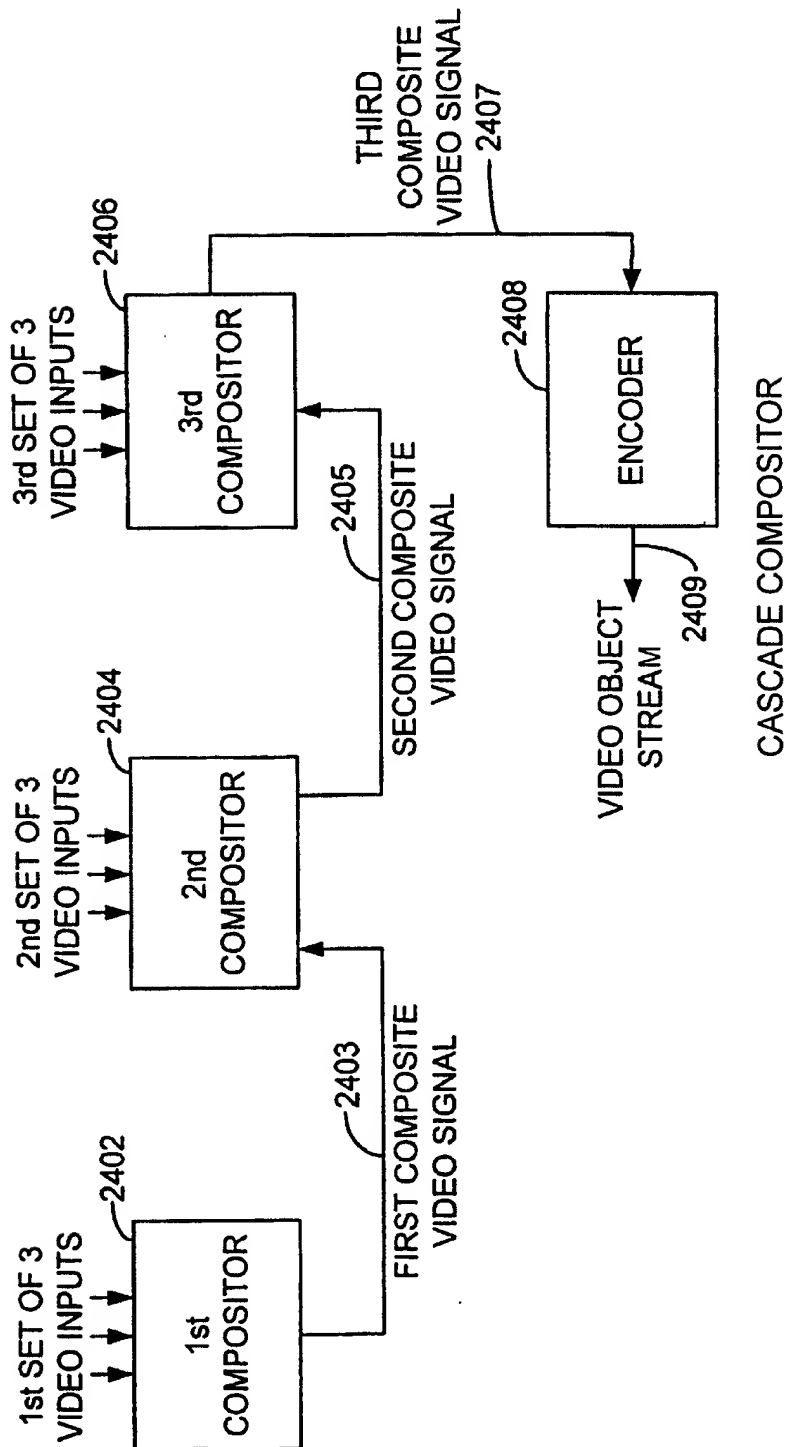


FIG. 24.





25/32

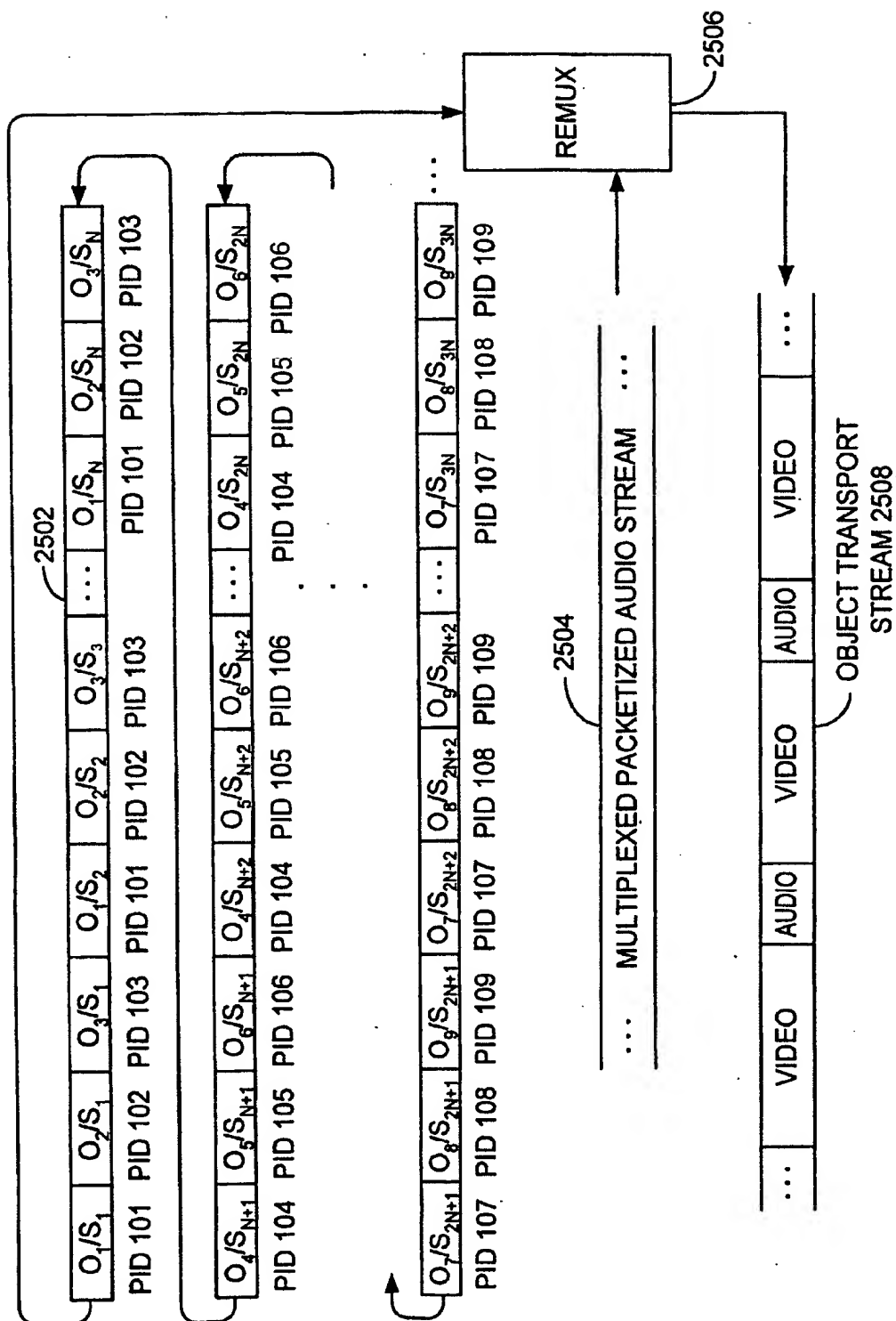


FIG. 25.



26/32

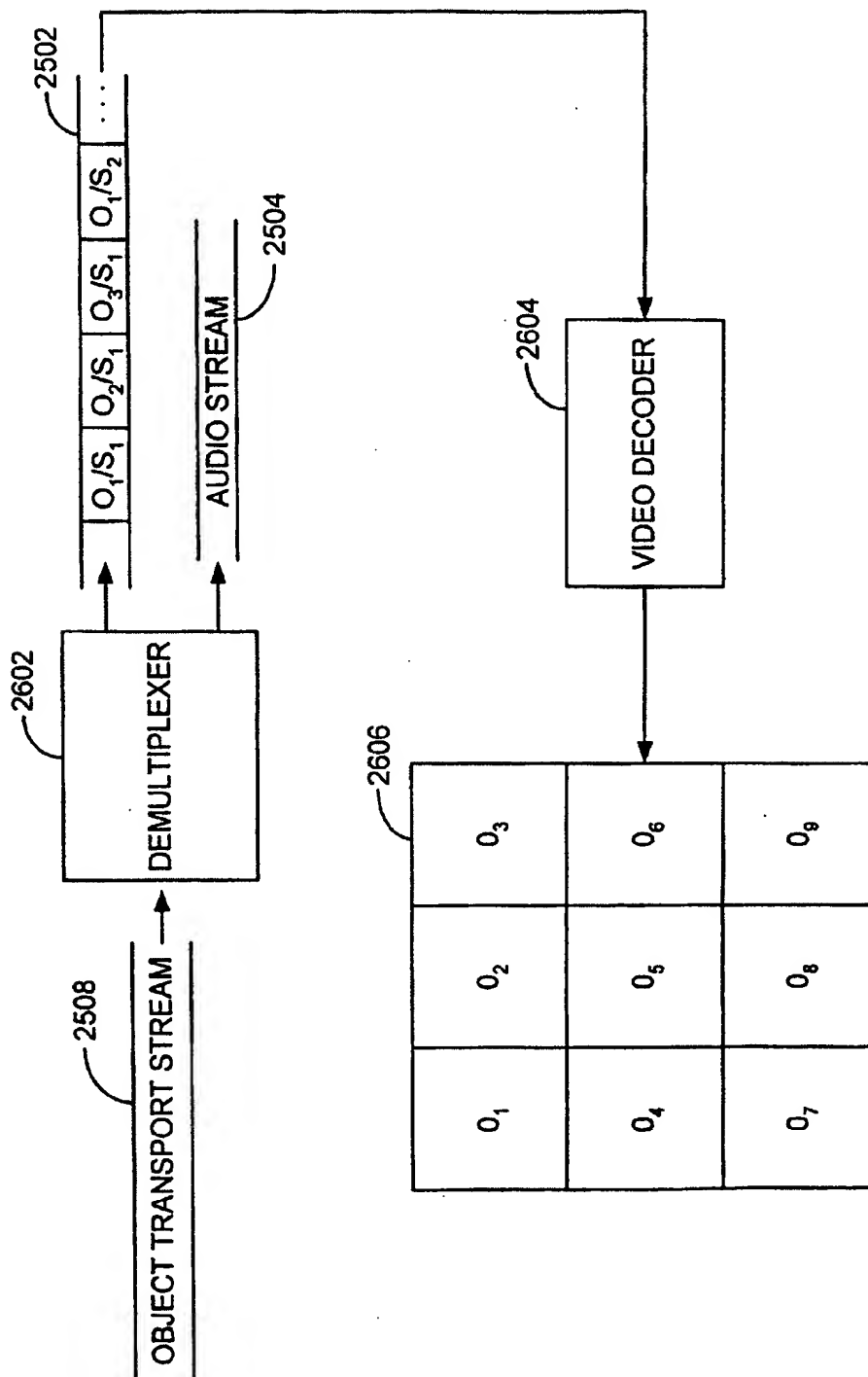


FIG. 26.

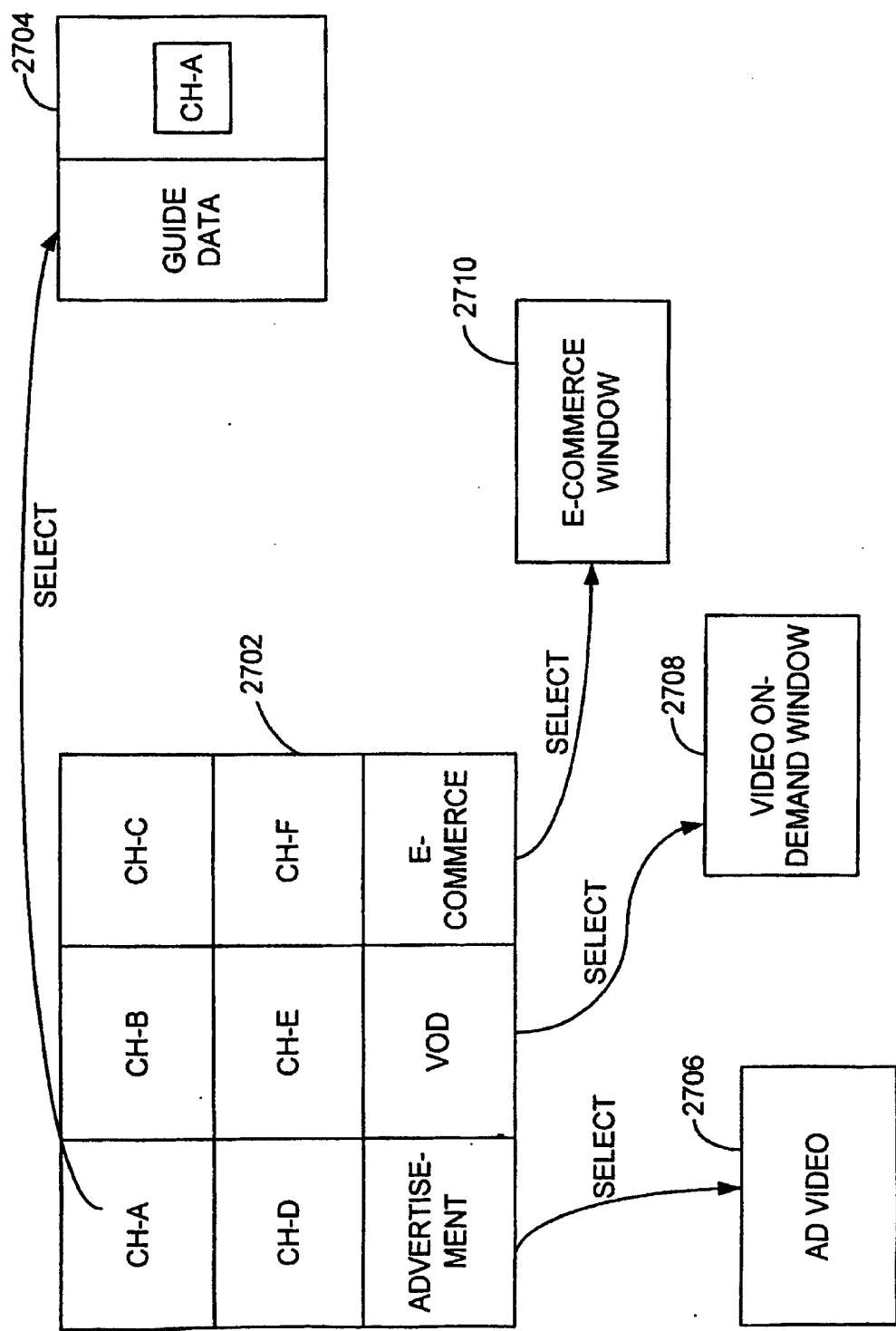


FIG. 27.

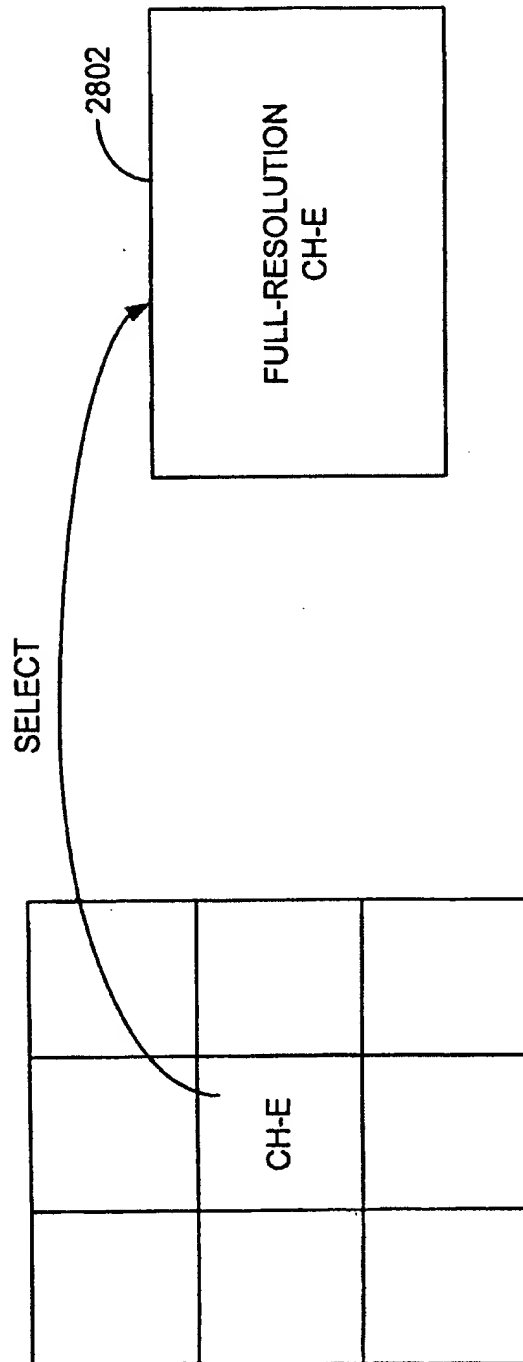


FIG. 28.



29/32

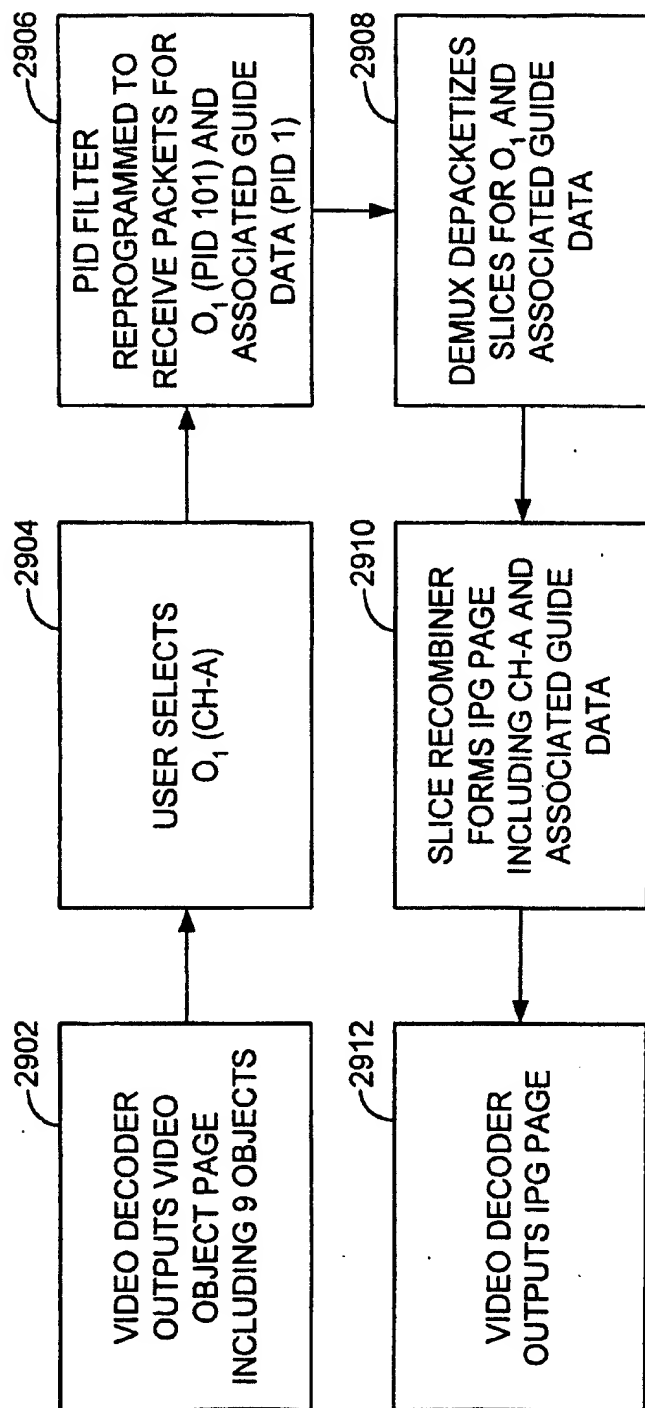


FIG. 29.



30/32

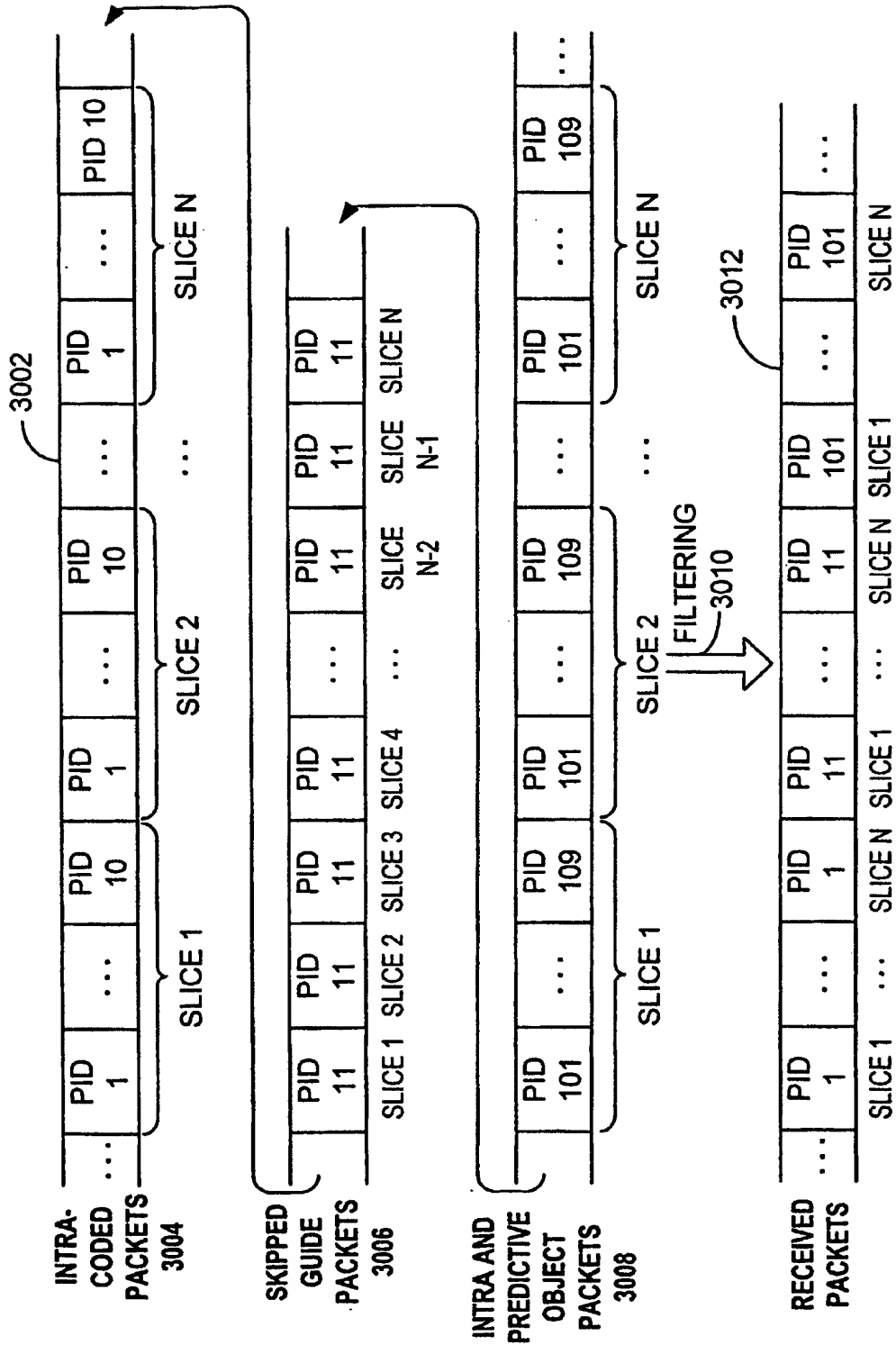


FIG. 30.



31/32

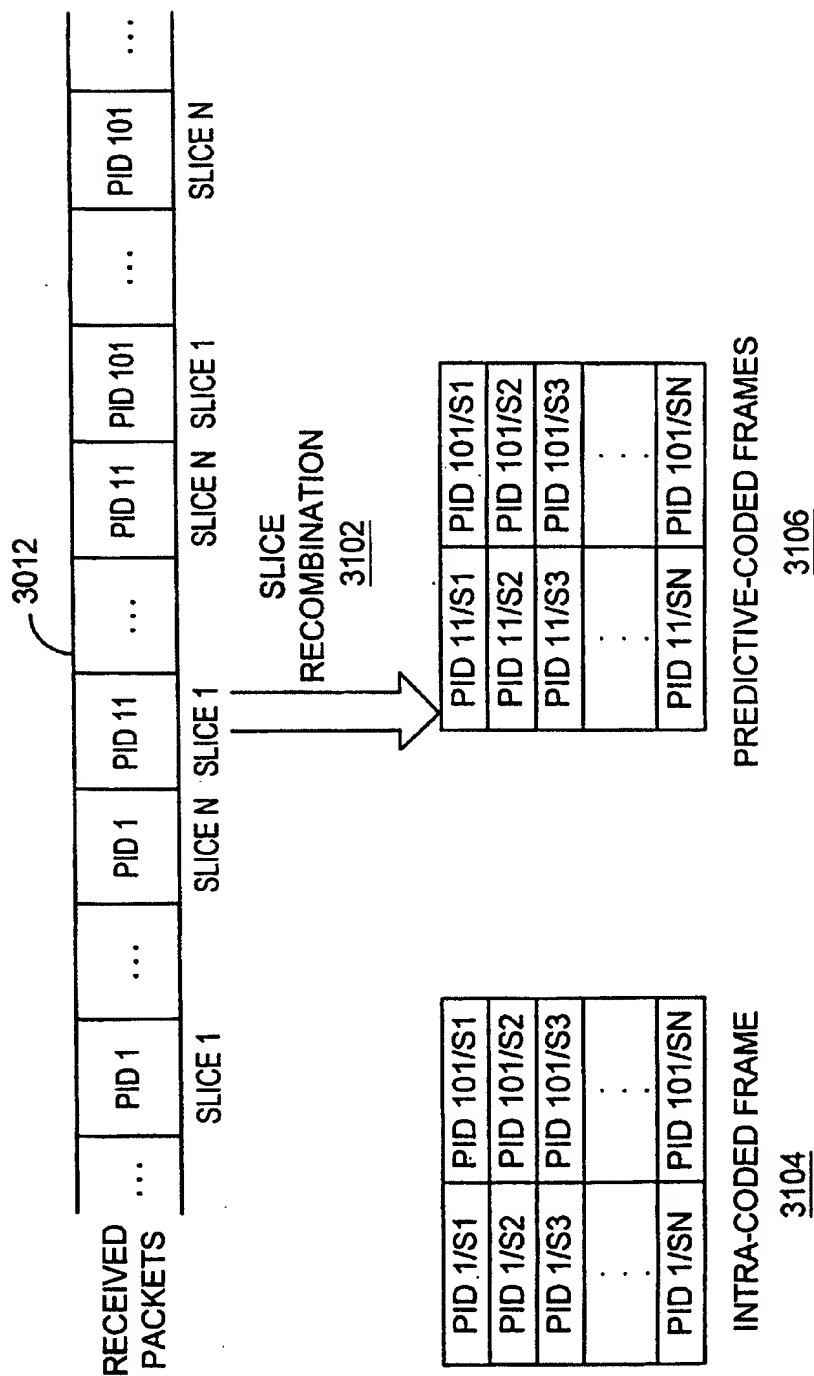


FIG. 31.



32/32

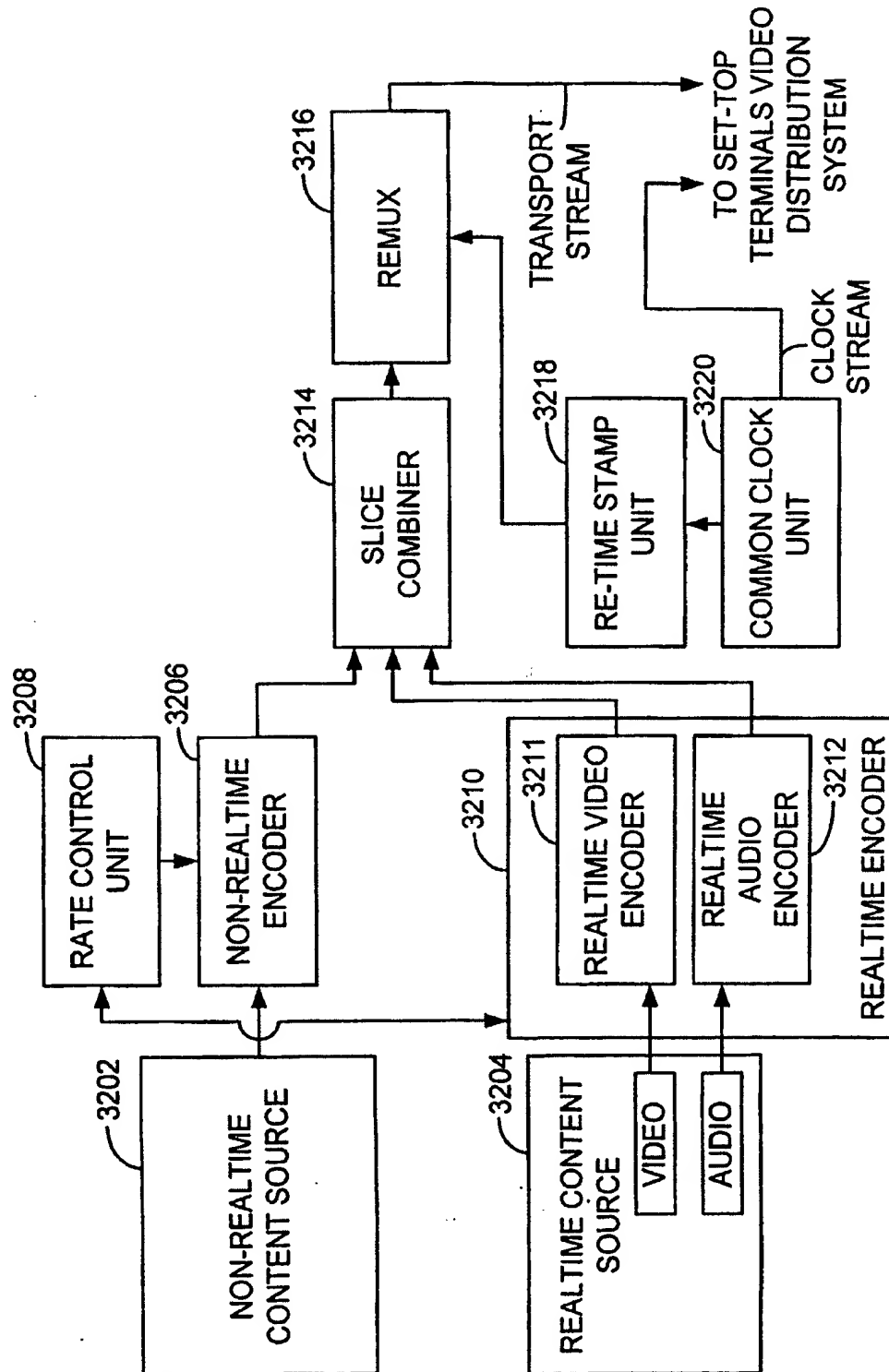


FIG. 32.

RE-TIMESTAMPING AND RATE CONTROL  
APPARATUS